



"Variable Optical Attenuator having a Waveguide and an Optically Coupled Layer with a Power Monitor"
Inventors: Shigenori Aoki, et al.
Application Serial No.: 10/761,619

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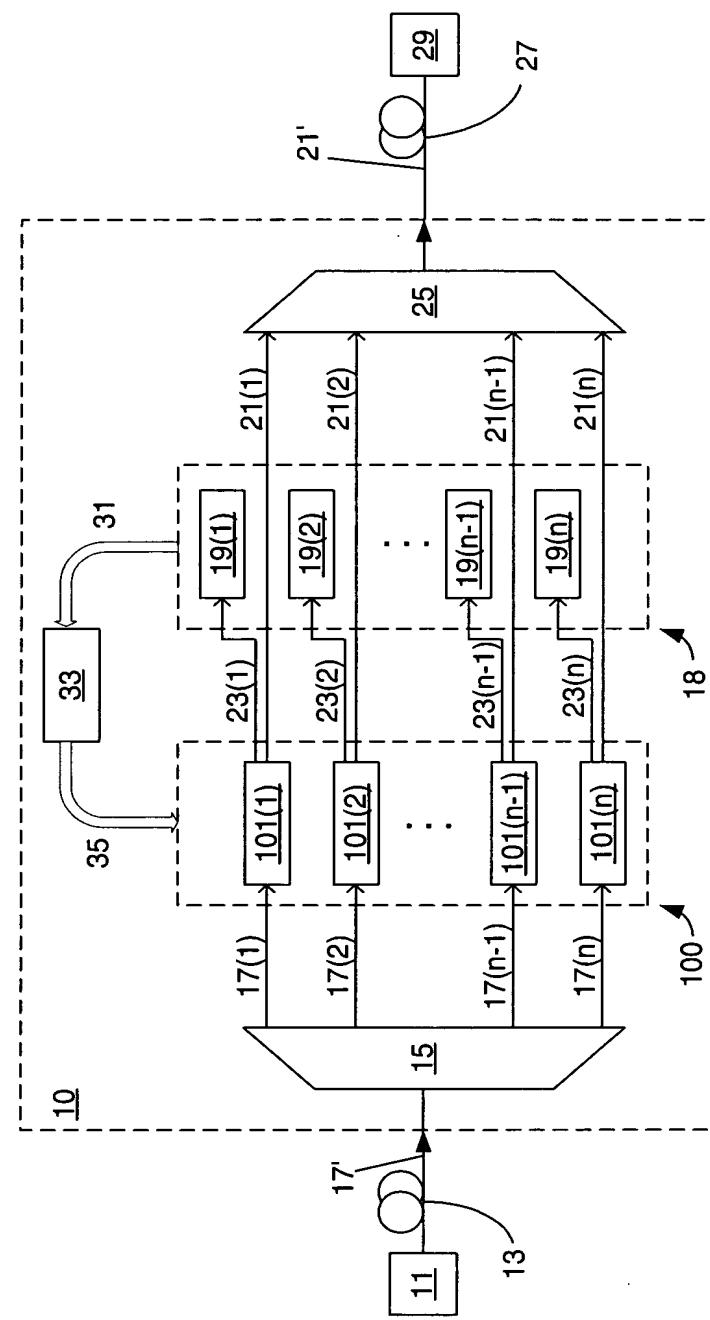


FIG. 1

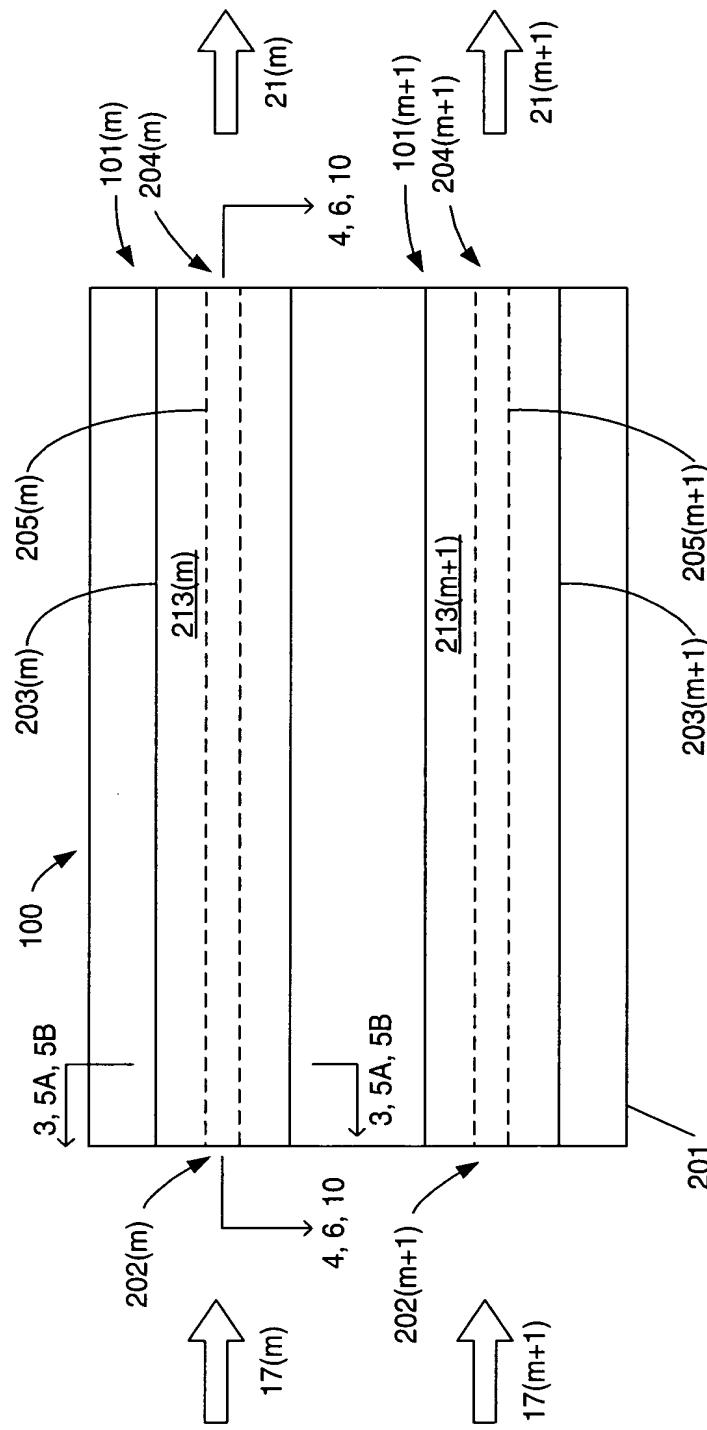


FIG. 2

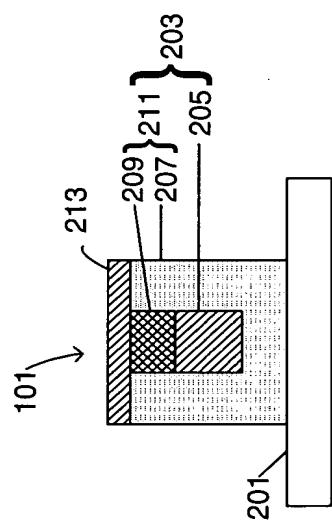


FIG. 3

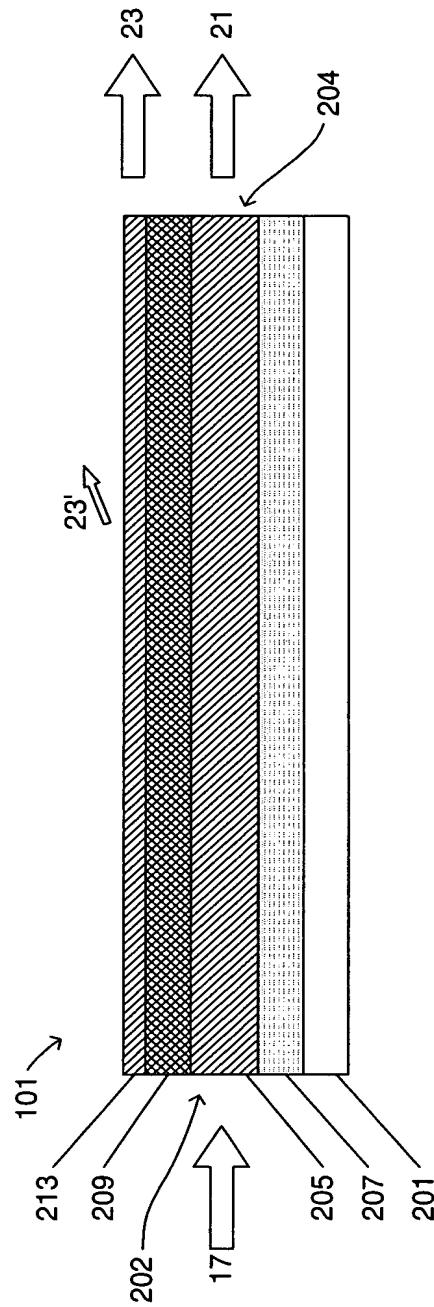


FIG. 4

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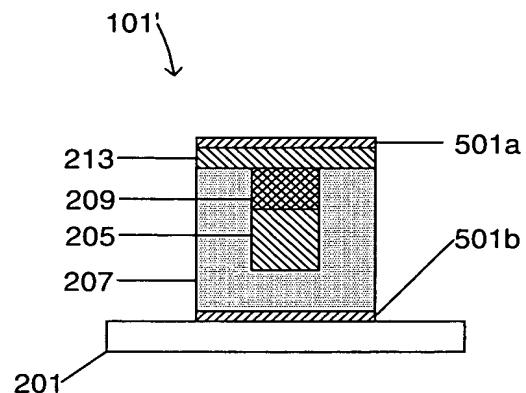


FIG. 5A

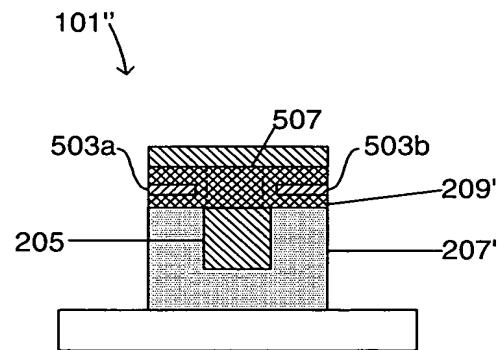


FIG. 5B

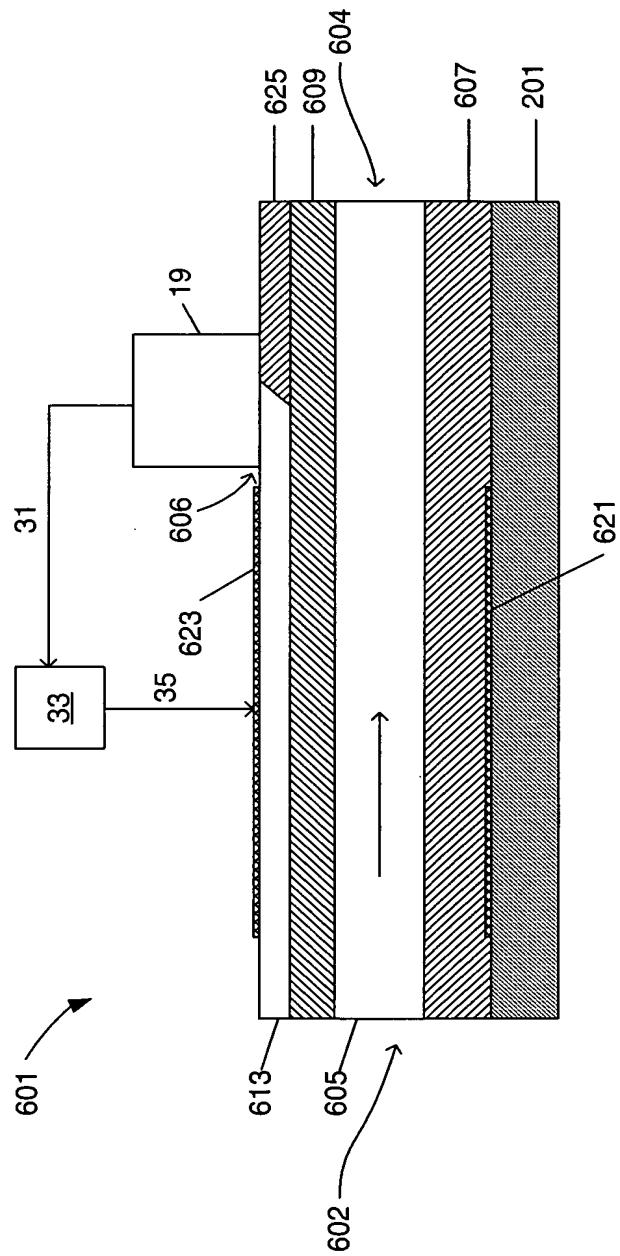


FIG. 6

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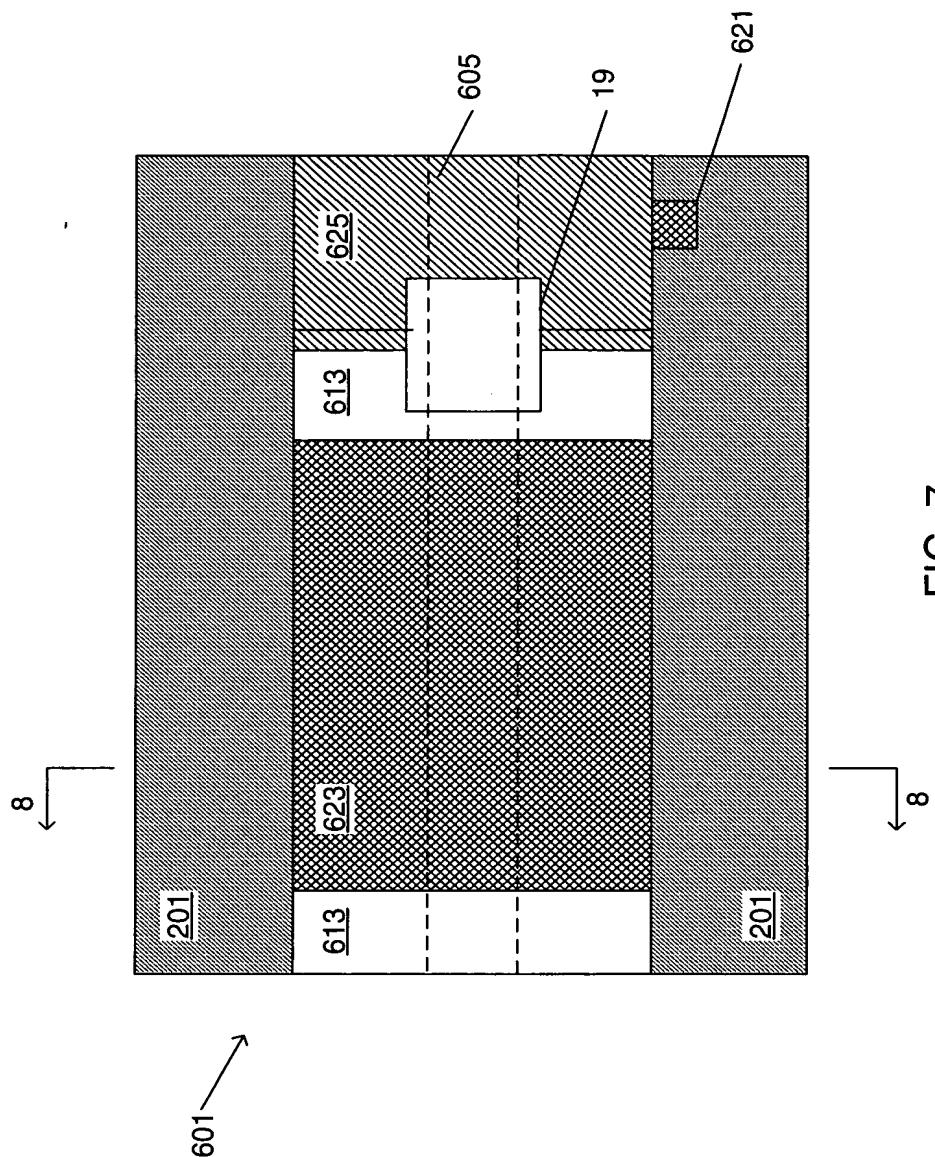


FIG. 7

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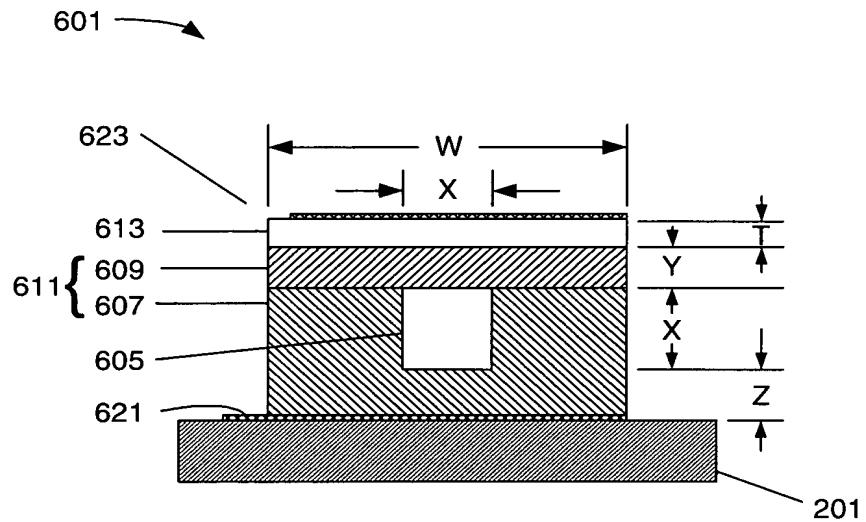


FIG. 8

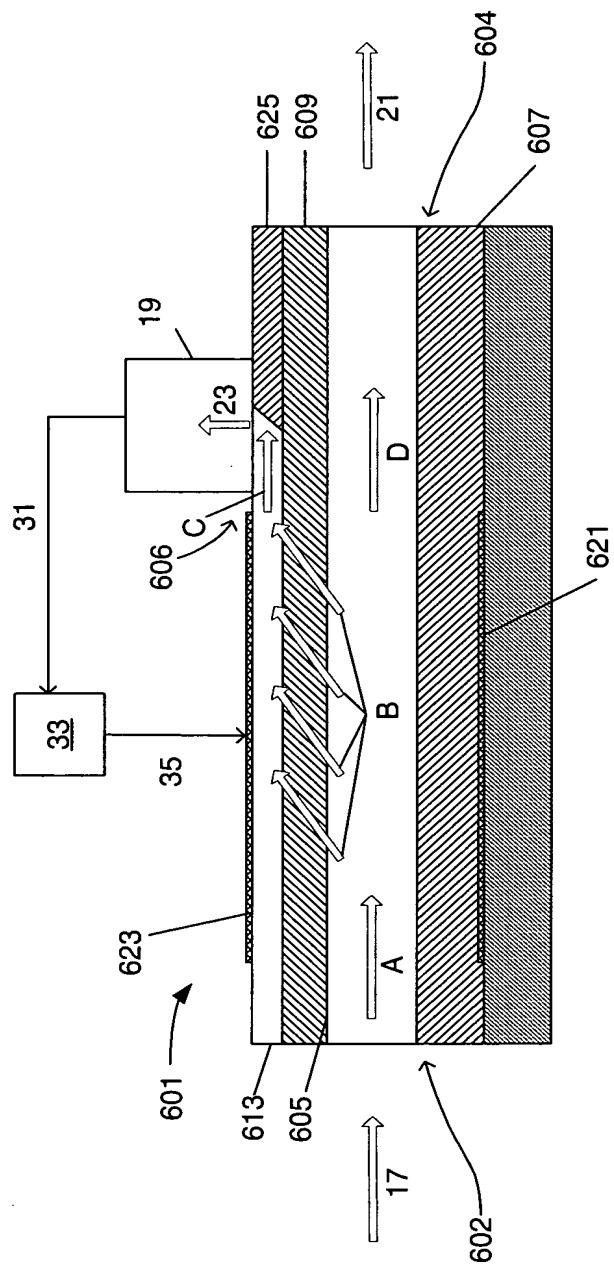


FIG. 9

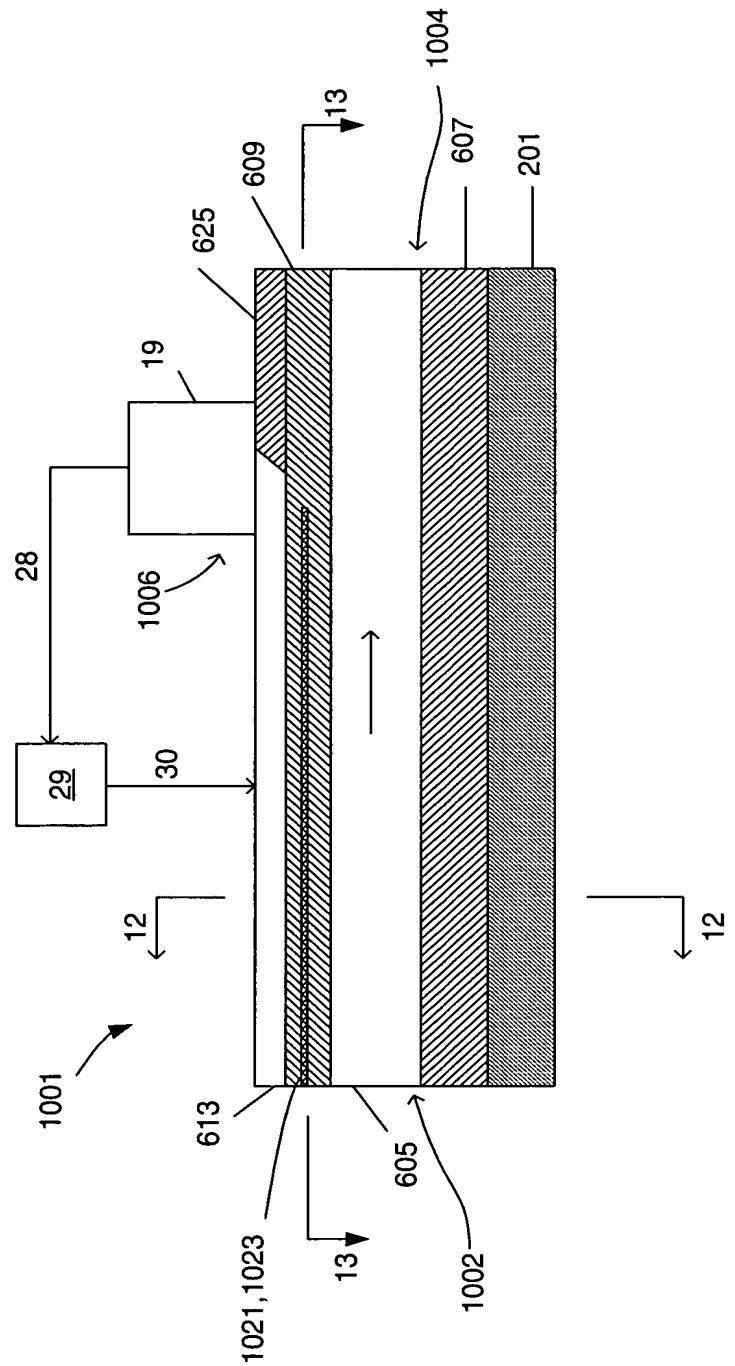


FIG. 10

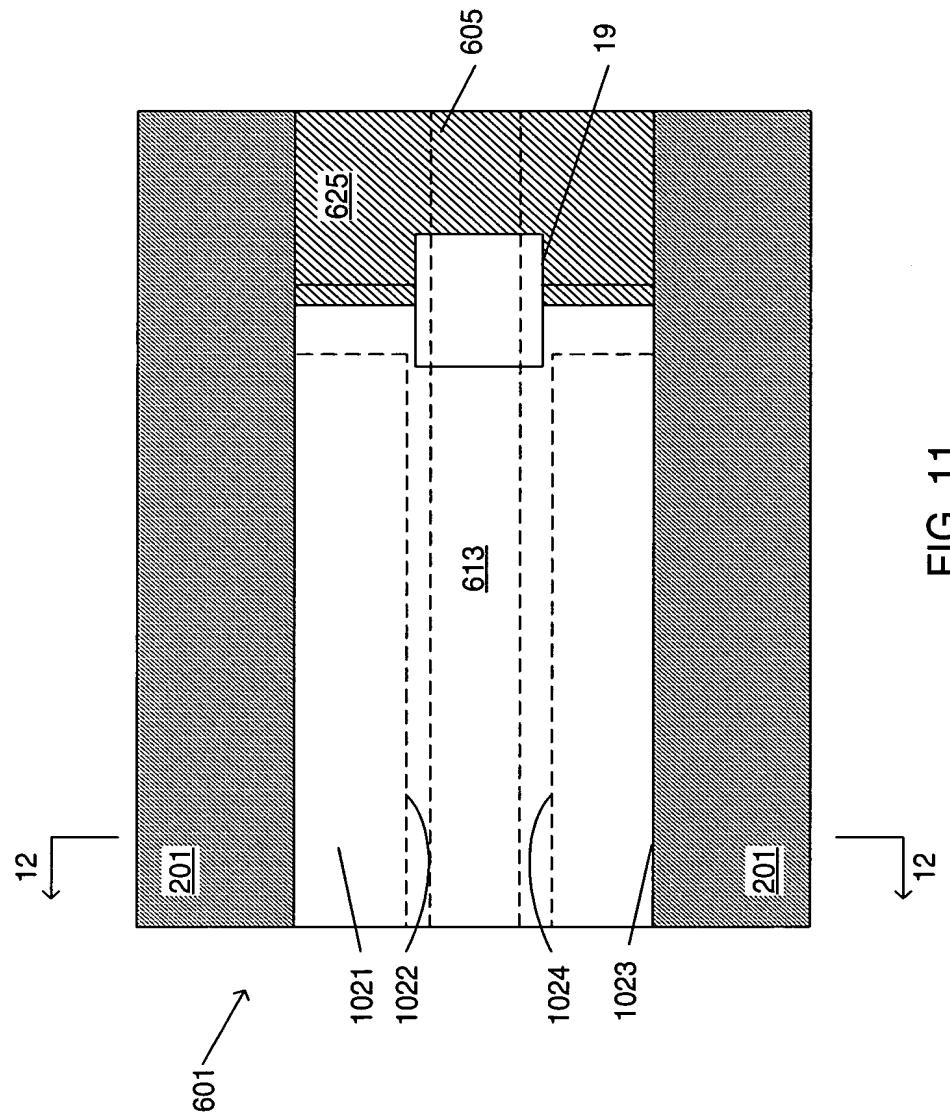


FIG. 11

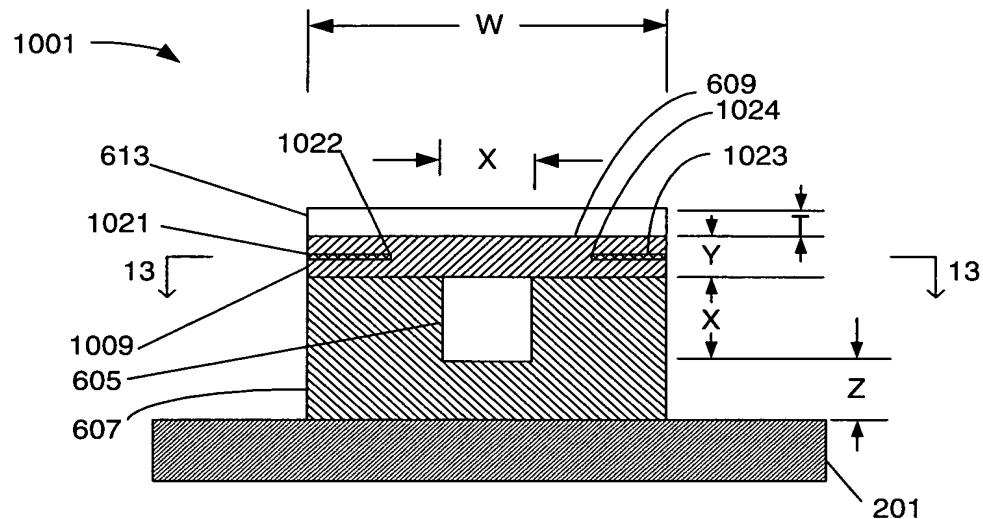


FIG. 12A

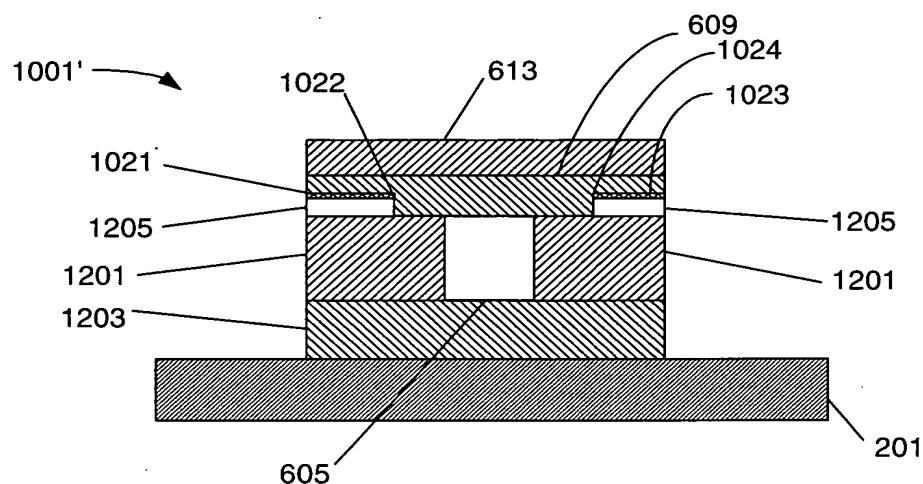


FIG. 12B

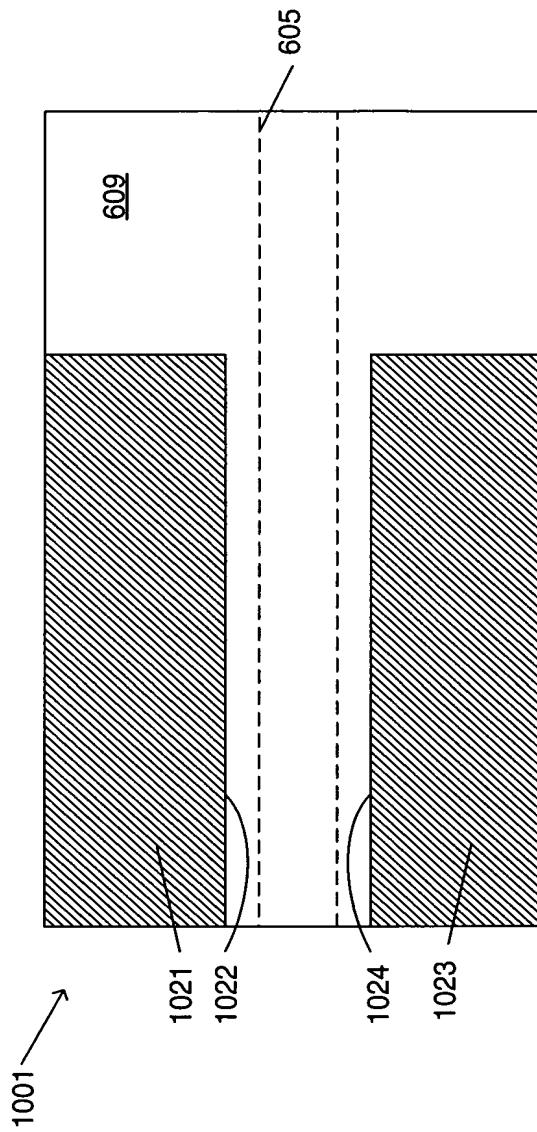


FIG. 13A

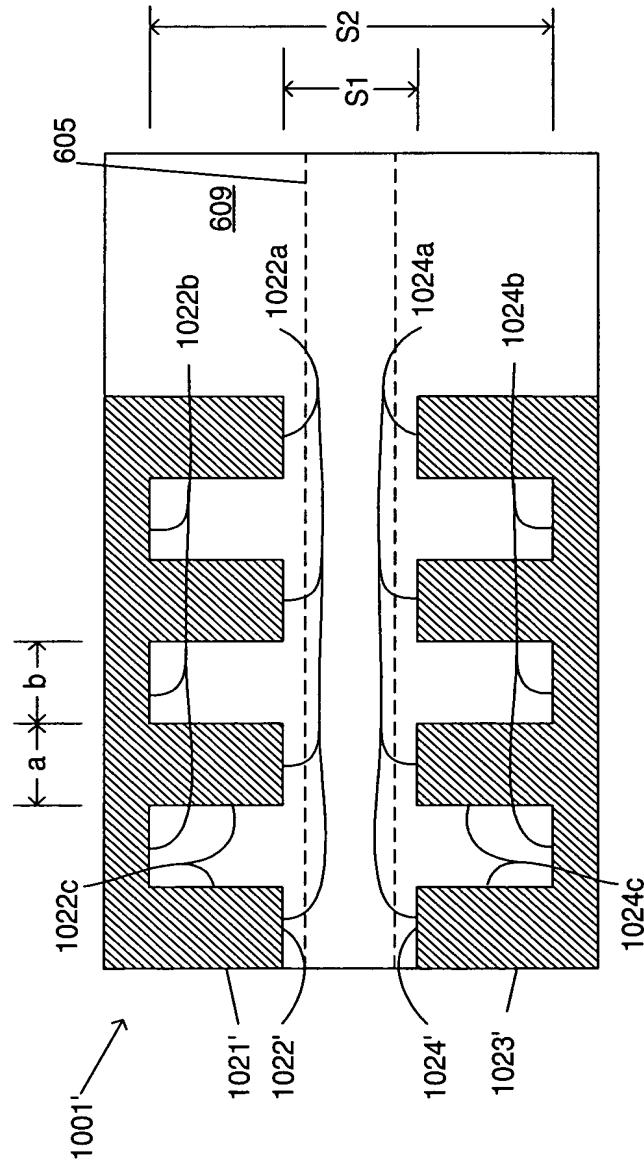


FIG. 13B

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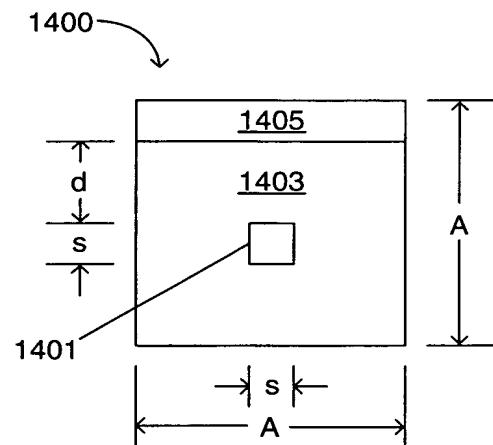


FIG. 14A

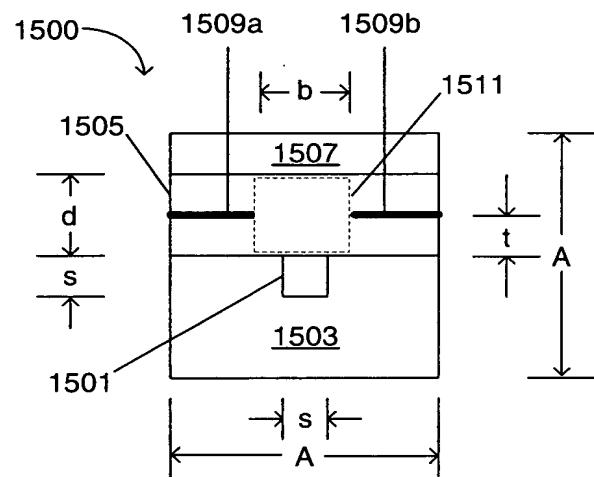


FIG. 15A

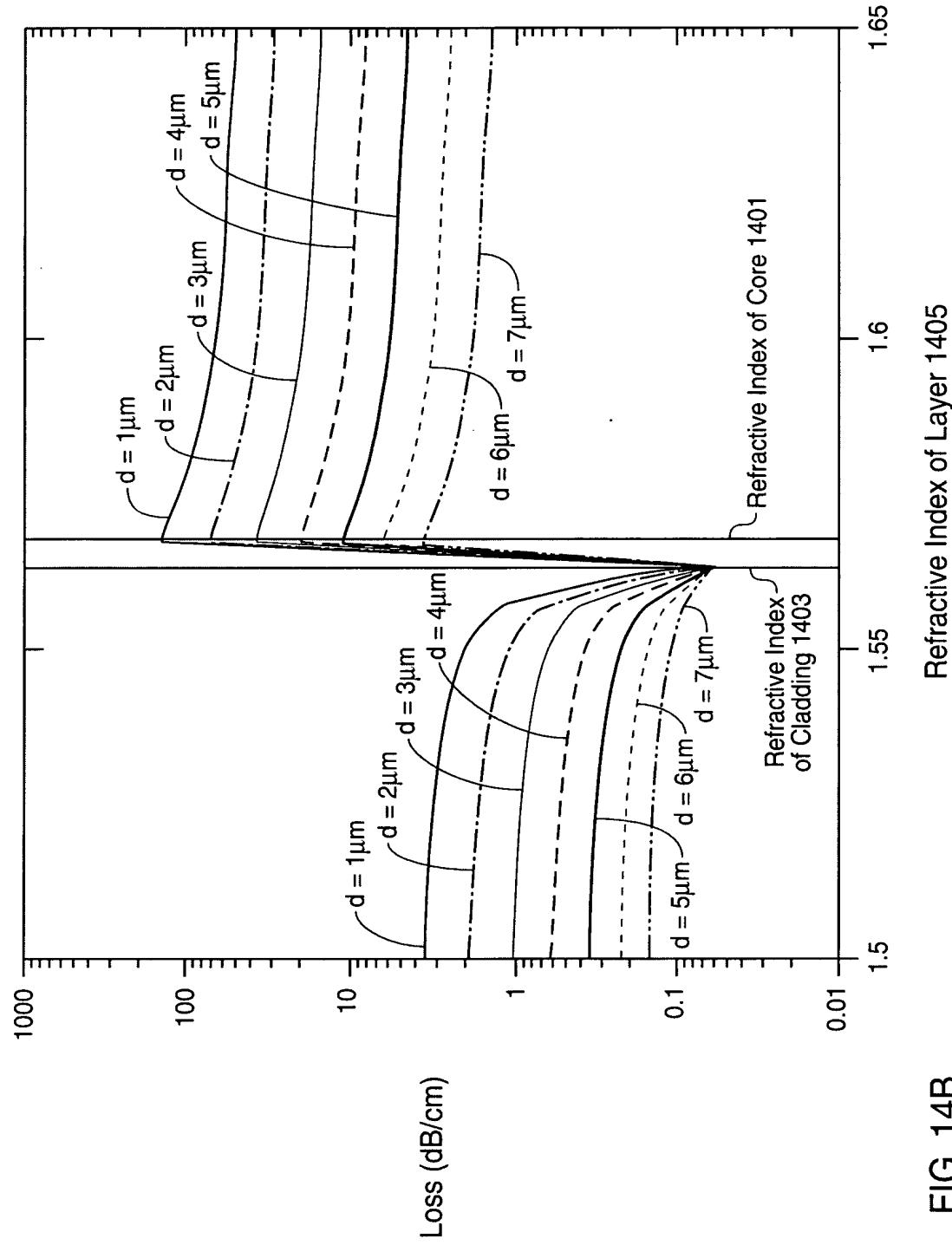
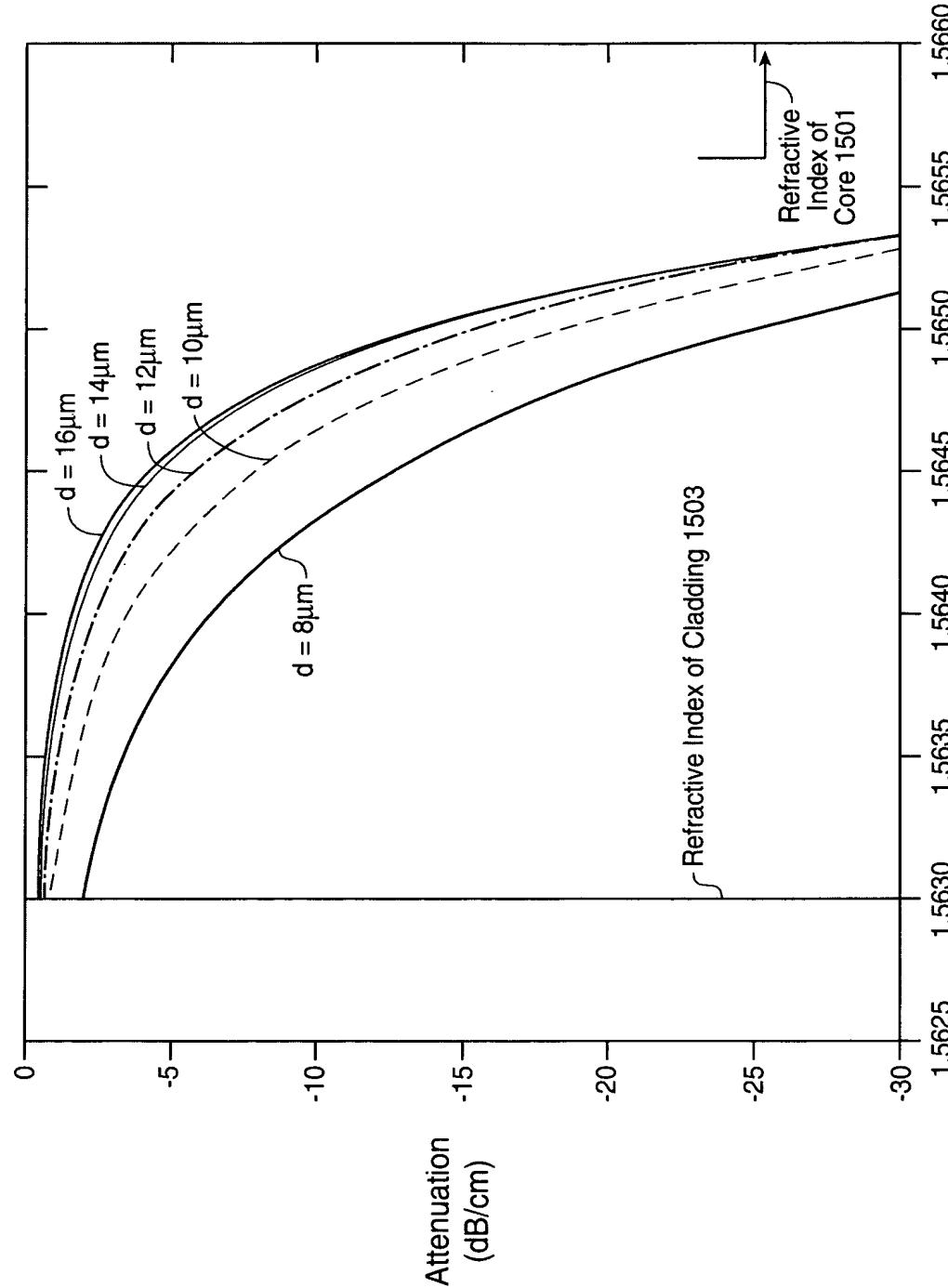


FIG. 14B



Refractive Index of Cladding 1503

FIG. 15B

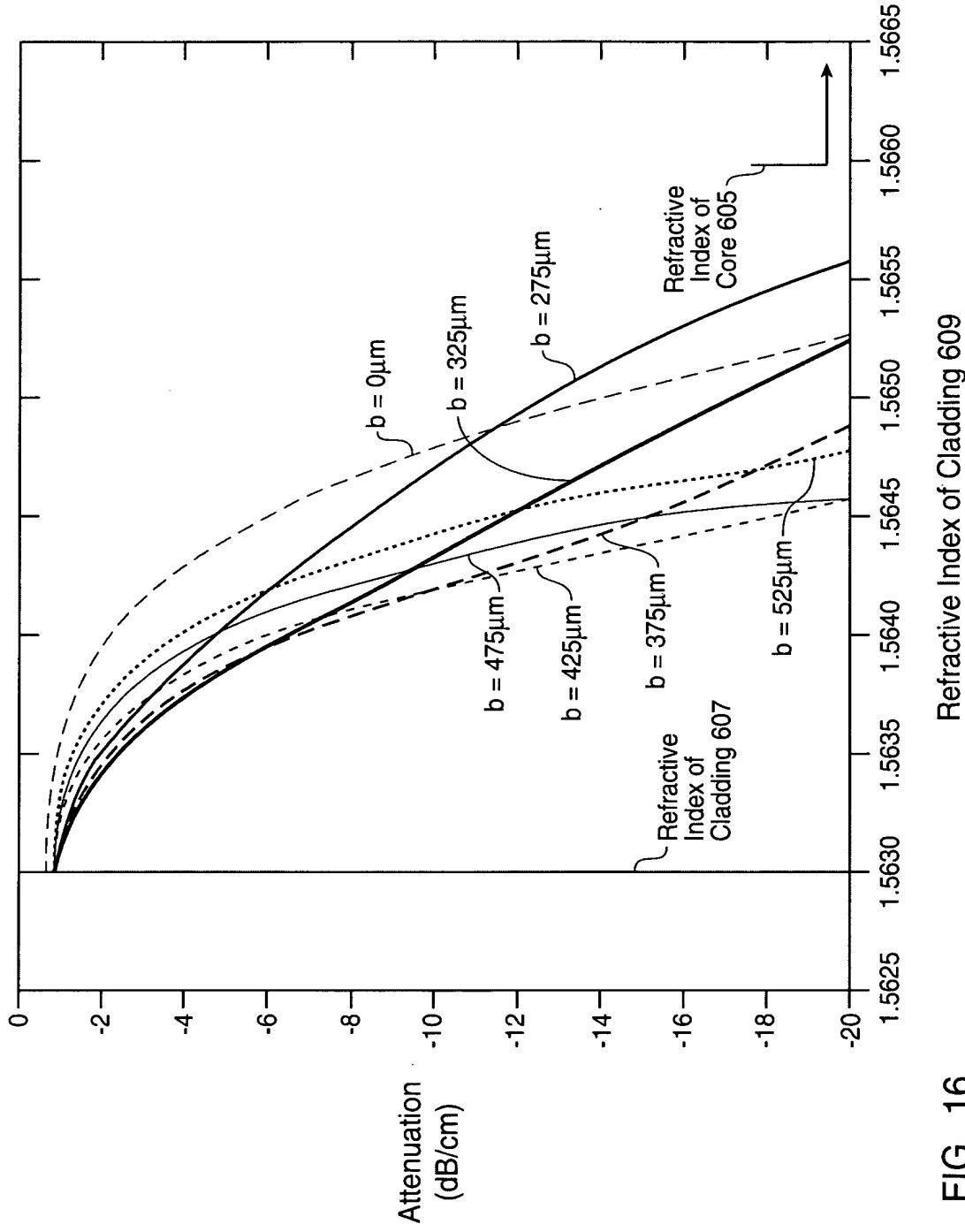


FIG. 16 Refractive Index of Cladding 609

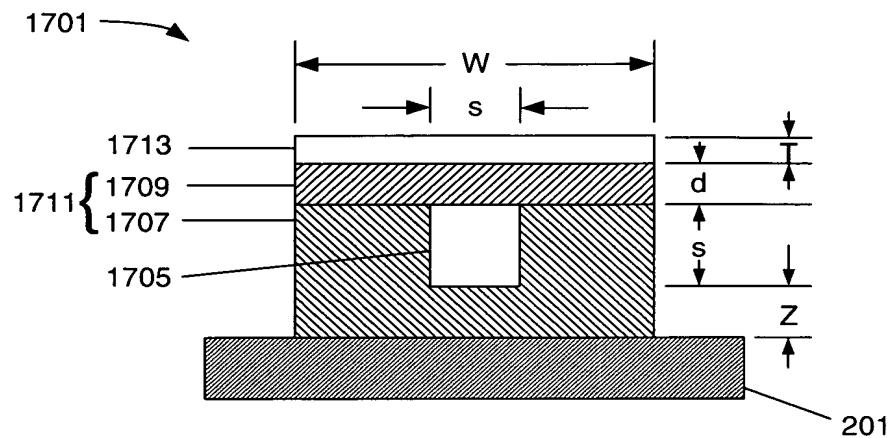


FIG. 17

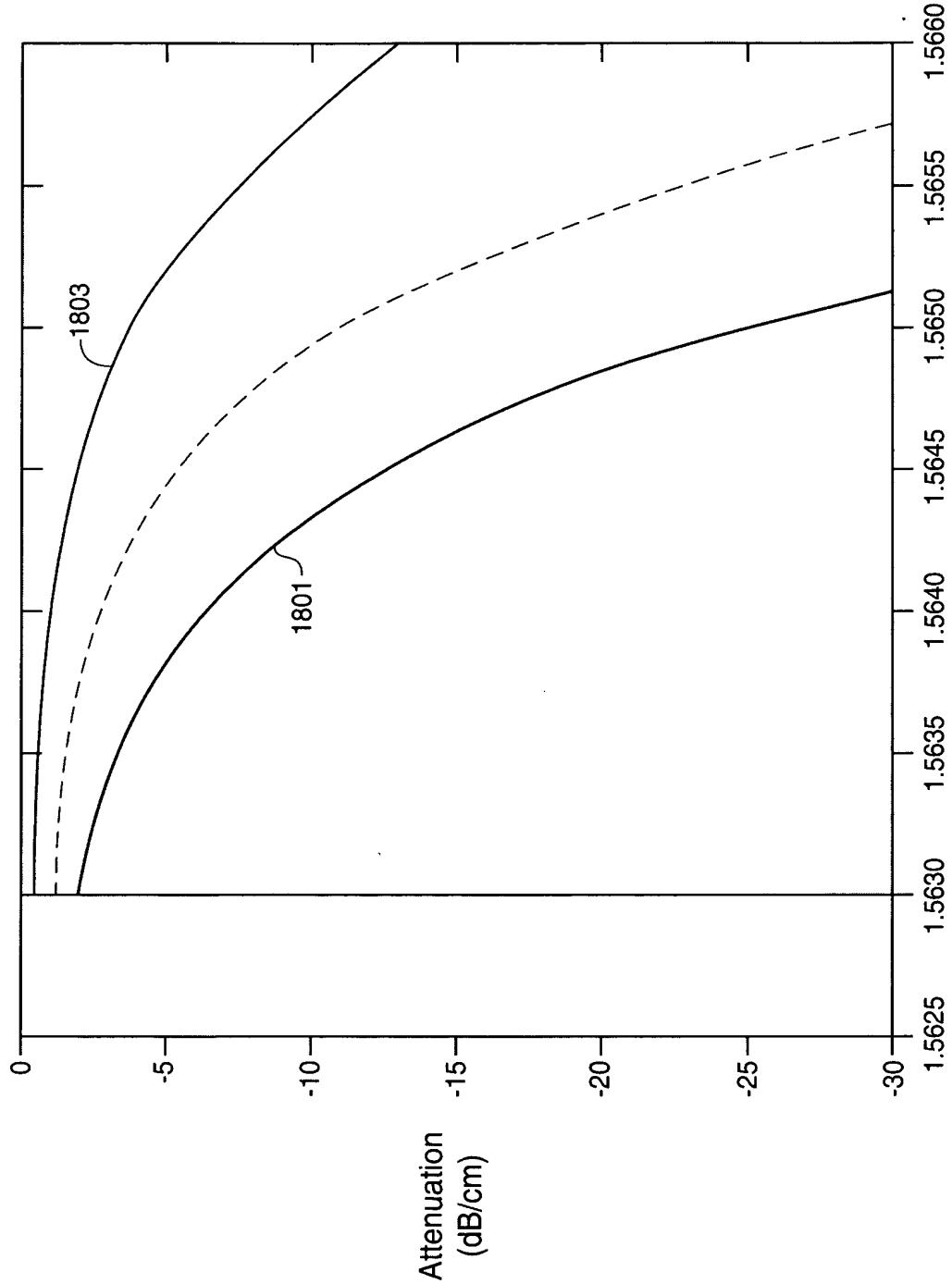


FIG. 18

Refractive Index of Cladding 1709

FIG. 19A

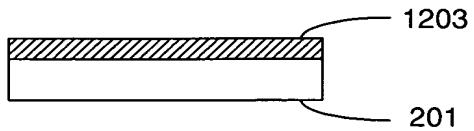


FIG. 19B

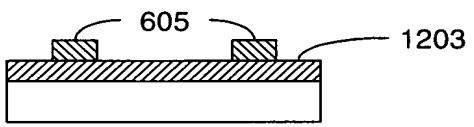


FIG. 19C

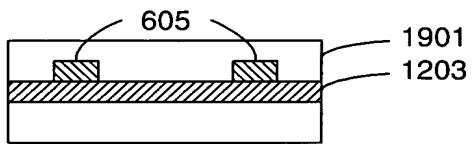


FIG. 19D

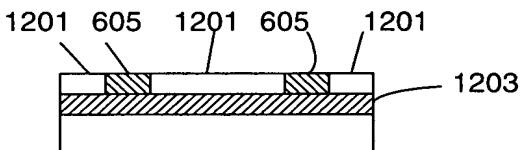


FIG. 19E

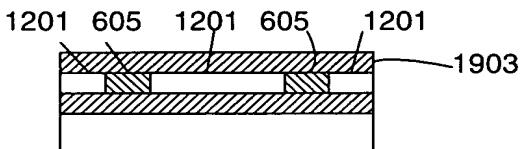


FIG. 19F

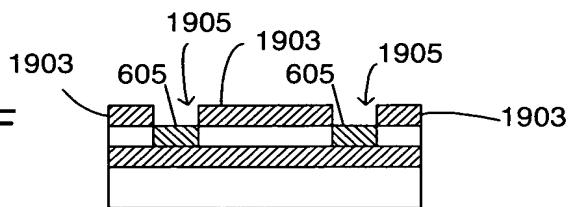


FIG. 19G

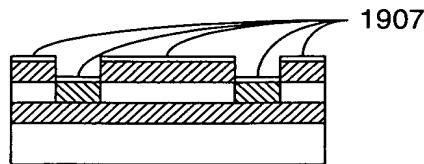


FIG. 19H

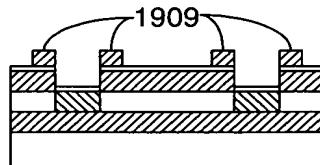


FIG. 19I

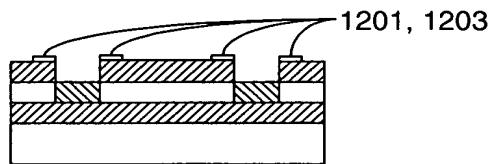


FIG. 19J

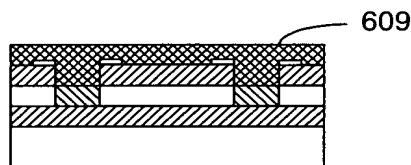


FIG. 19K

